

DigiSAFE DigiNoise

random number generator

DigiSAFE DigiNoise is an easy-to-use hardware based random number generator designed to be implemented in a high security environments. Connected to the host computer through a standard USB port, DigiSAFE DigiNoise delivers true, non-deterministic random numbers at a data rate of 1.5Mbps. These random numbers have been tested to pass the stringent NIST statistical test suites.

The device is delivered with software driver for Microsoft Windows 2K/XP operating system. A sample software code written in C is provided to support the integration of DigiSAFE DigiNoise with various application software. DigiSAFE DigiNoise is suitable for cryptographic applications such as key generation, PIN number generation, random seed generation, numerical simulation, gaming applications, etc.



TECHNICAL SPECIFICATIONS

Bit rate	• 1.5 Mbps
Interface	• USB2.0
Supported OS	• Windows 2000/XP
Power Supply	• Powered by the USB port
Size	• 66.5W x 140D x 28Hmm
Weight	• 250g
Operating Temperature	• 0°C to 50°C

Authorized Reseller:

FEATURES

- True Quantum Random Source
- Passes NIST Statistical Test Suites
- High output bit rate: 1.5 Mbps
- Device powered from the computer USB2.0 port
- Delivered with Windows 2K/XP drivers in DLL format, C/C++ header file
- Sample software code written in C/C++ for integration reference on using the DLL driver
- Easy to use, compact, lightweight

PACKAGING AND DELIVERED ITEMS

- One unit of DigiSAFE DigiNoise USB version
- One unit of USB cable assembly
- CD-ROM
 - User's guide
 - Software driver
 - Sample software code

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